



IIT Research Institute  
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Astro Sciences Center

September 7, 1965

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Office of Manned Space Science  
NASA Headquarters  
Washington, D. C. 20546

Attention: Mr. W. B. Foster

Subject: Letter Report No. IITRI W6099-12  
August 1, 1965 through September 1, 1965  
Contract No. NASr-65(10)

Gentlemen:

1. Work Performed During Report Period
  - 1.1 Reviewed and commented on IR scanning system for AAP.
  - 1.2 Work progressed on the revision of Earth orbital mission definition document for AAP.
  - 1.3 Assisted SM in defining AAP photographic experiments.
  - 1.4 Prepared documentation covering OSSA achievements in manned space flight for 1965 edition of OSSA "Space Science and Applications Program".
  - 1.5 Prepared list of recommendations of the Working Group and summary report and Appendices for the 1965 NASA Summer Conference on Lunar Exploration.
  - 1.6 Summarized the Astronomy Working Group meeting.
  - 1.7 Work began on the proposed initial revision of the Lunar Exploration Plan based on results of NASA Summer Conference.
  - 1.8 Work continued on estimating checkout requirements of AAP experiments at KSC.

- 1.9 Work continued on lunar geological target areas with respect to orbital sensors.
- 1.10 Work completed on initial phase of radio frequency interference study for Earth orbital missions for AAP.
- 1.11 Reviewed and commented on documentation relative to AAP Lunar Orbital Missions Studies.

2. Discussions and Visits

- 2.1 August 18-19, 1965 - NASA Headquarters

ASC

D. L. Roberts

- 2.1.1 Subject - To attend Astronomy Working Group Meeting

- 2.2 August 22-25, 1965 - NASA Headquarters

ASC

NASA

R. Robson

P. Badgley

- 2.2.1 Subject - Review documentation relative to AAP Lunar Orbital Missions Studies

- 2.3 August 24-26, 1965 - NASA Headquarters

ASC

NASA

C. A. Stone  
R. Vickers

R. Allenby  
P. Brockman  
P. Badgley  
E. Davin

- 2.3.1 Subject - W6099 Steering Committee Meeting.

- 2.4 August 27, 1965 - KSC

ASC

NASA

H. Hegner  
R. Vickers

A. Calio  
A. Wiley

- 2.4.1 Subject - Discuss checkout requirements at KSC for AAP experiments.

3. Documents Submitted

Revised draft of Apollo Scientific Exploration of the Moon PDP

Revised draft of Gemini Scientific Experiments PDP

Documentation for inclusion in 1965 OSSA Space Science and Applications Program

Draft recommendation of Working Groups 1965 NASA Summer Conference on Lunar Exploration

First and second drafts of Summary Volumes, 1965 NASA Summer Conference on Lunar Exploration

Report on the first phase of the RFI study.

4. Expenditures

All funds on this contract have been expended as of 7/31/65. Supplemental funding is anticipated in response to our Proposal 65-877W which requested additional funding to cover an increase in scope of work.

Respectfully submitted,  
IIT Research Institute



C. A. Stone, Director  
Astro Sciences Center